# MATHEMATICS

Term 3 **GRADE 11 Core** 2011-2012

MAT-1100

Book: Customized booklet for grade 11 - ©2010

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**6 Periods / Week**

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| **Wk 1**  (April 08 – April 12) | Chapter 8: **Exponential and Logarithmic Functions and Relations**  8.1 Graphing Exponential Functions ( 5 periods)  SAT ( 1 period ) |
| **Wk 2**  (April 15 – April 19 ) | 8.2 Solving Exponential Equations and Inequalities ( 5 Periods )  SAT ( 1 period ) |
| **Wk 3**  (April 22 – April 26) | Continue 8.2 Solving Exponential Equations and Inequalities (1 Period)  8.3 Logarithms and Logarithmic Functions (4 periods)  SAT ( 1 period ) |
| **Wk 4**  (April 29 – May 03) | Continue 8.3 Logarithms and Logarithmic Functions (2 periods)  8.4 Solving Logarithmic Equations and Inequalities (3 periods)  SAT ( 1 period )  ***Internal Quiz 1*** |
| **Wk 5**  (May 06– May 10) | Continue 8.4 Solving Logarithmic Equations and Inequalities (3 periods)  8.5 Properties of Logarithms (2 periods)  SAT ( 1 period ) |
| **Wk 6**  (May 13 – May 17) | **System Wide Quiz 1 (1 Period)**  Continue 8.5 Properties of Logarithms (4 periods)  SAT ( 1 period ) |
| **Wk 7**  (May 20 – May 24) | 8.6 Common Logarithms ( 5 periods )  SAT ( 1 period ) |
| **Wk 8**  (May 27 – May 31) | 8.7 Base e and Natural Logarithms ( 3 periods)  **Chapter 7 Inverses and Radical Functions and Relations**  7.1 Operations on Functions *(composite of two functions)*(2 periods)  SAT ( 1 period ) |
| **Wk 9**  (June 03 – June 07) | Continue 7.1 Operations on Functions *(composite of two functions)*(1 period)  7.6 Rational Exponents (4 periods)  SAT ( 1 period ) |
| **Wk 10**  (June 10 – June 14) | Continue 7.6 Rational Exponents (3 periods)  7.7 Solving Radical Equations and Inequalities (3 periods) |
| **Wk 11**  (June 17 – June 21) | Continue 7.7 Solving Radical Equations and Inequalities (3 periods)  **+ 3 periods Revision** |
| **Wk 12**  (June 24 – June 28) | **End of Term-3 Exams** |